

STANDARD Water Sampling Data

DATE: _____ WELL NO. _____ ORG. NO. _____

PROJECT: _____ SAMPLE ID: _____

WATER LEVEL DATA:

Time: _____
 Depth to Water (DW): _____
 Reference Point: _____
 Reference Elev: _____
 FEET H2O: _____
 Calculation Below

PURGE INFORMATION:

Purging Method: _____
 1 Bore Volume= _____ gal.
 1.5 Bore Volume= _____ gal.
 *Post Purge (.5 BV) _____ gal.
 Total Purge _____ gal.
 Actual Purge _____ gal.

SAMPLING INFORMATION:

Time Sample Collected: _____
 Sampling Method: _____
 Container Type(s): _____
 Water Depth @ Sampling _____ ft.

WELL SPECIFICATIONS:

Sample Preservatives: _____
 Borehole Diameter: _____
 Casing Diameter: _____
 Total Well Depth: _____

PURGE EQUIPMENT:

Pump Type: _____
 Dedicated: _____
 Bailer: _____
 Other: _____

SAMPLE EQUIPMENT:

Pump Type: _____
 Bailer: _____
 Dedicated: _____
 Other: _____

INSTRUMENTS:

Water Level Meter Type: _____
 Turbidity Meter Type: _____
 ORP Meter Type: _____

Cond. Meter Type: _____
 D.O. Meter Type: _____
 SAL Meter Type: _____

TIME (24hr)				
VOLUME PURGED (gal.)				
WATER DEPTH				
TEMPERATURE (°F/°C)				
SPECIFIC COND. ()				
SALINITY (ug/L)				
TDS (ug/L)				
Dissolved Oxygen (D.O.)				
ORP (MV)				
TURBIDITY (ntu)				
WATER DESCRIPTION (color, odor)				

Information:

WELL BOREHOLE VOLUME CALCULATION TABLE

Casing Diameter	Borehole Diameter	Volume BV Multiplier
2	8"	0.8
2	10"	1.1
4	8"	1.1
4	10"	1.5
4	12"	2.0
6	10"	2.1
6	12"	2.5

FAST CHARGING PROTOCOL

<80% Recovery in 2 hours>

1. Purge 1 BV take measurements and record below.
2. Purge an additional ½ BV and record measurements below. If measurements stabilized then to Step 3. If not continue purging ½ Bvs and taking measurements until 3BVs are removed or measurements stabilized. Calculate maximum drawdown. Calculate maximum drawdown.
3. Allow 80% recovery (PR), note depth.
4. Collect samples.

SLOW RECHARGING PROTOCOL

1. Purge 1 BV record measurements
2. Allow 2 hours for recovery, note depth.
3. Collect samples.

* Not Required At Miramar Sites

City Staff On Site: _____
 Signature: _____